



01-25-06

C of C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/065,307
Applicant : Marten Jan DeVlieger
Filed : October 2, 2002
Title : CHEST VIBRATING DEVICE
Confirmation No. : 7685
TC/A.U. : 3764
Examiner : Thanh, Quang D.
Docket No. : 39-05
Customer No. : 23713

Certificate

JAN 27 2006

of Correction

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 EV693370824US

On January 24, 2006

Stephanie Lotwis
Stephanie Lotwis

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. 1.322

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

The Patentee in the above-identified patent respectfully requests the issuance of a Certificate of Correction to rectify errors in the printed patent. Because the error in the spelling of the inventor's name was made by Applicants, this request is accompanied by the fee required under 37 C.F.R. 1.20(a).

On the first page, please rewrite Marten Jon DeVlieger as Marten Jan DeVlieger. This corrects an inadvertent typographical error in the record.

Please rewrite the claims at column 3, line 47 to column 6, line 12, as follows, to conform with the Notice of Allowability mailed May 17, 2005, acknowledging the amendment filed April 25, 2005 and allowing claims 2-27 with certain Examiner's amendments:

01/25/2006 MBLAHC 00000009 6958047

01 FC:1811

100.00 OP

JAN 30 2006

1. A chest vibrating device for use in loosening obstructions in the lungs or air way of a user, comprising:
 - a frame to fit around an upper body of the user, the frame comprising:
 - a left arm, said left arm being in a shape of a curve to fit around the upper body of the user, said left arm having a front half of said curve and a rear half of said curve;
 - a right arm, said right arm being in a shape of a curve to fit around the upper body of the user, said right arm having a front half of said curve and a rear half of said curve;
 - a cross-member connecting said left and right arms together at said front halves;
 - shoulder pads extending from said frame to rest said frame on the shoulders of the user;
 - one or more chest pads extending from a front inside of said frame towards a chest of the user, said one or more chest pads being attached to said front halves of said left and right arms to transfer the vibrations;
 - at least one back pad extending from a rear inside of said frame towards a back of the user for positioning over an area of the lungs of the user, said at least one back pad being attached to said rear halves of said left and right arms to transfer the vibrations; and
 - a vibrating unit attached to said left and right arms to produce vibrations that travels from said vibrating unit, through said frame onto said one or more chest pads and said at least one back pad.
2. The chest vibrating device of claim 1, wherein the one or more chest pads and the at least one back pad are sized to be positioned over an area of the lungs of the user.
3. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the lower lobes of the user's lungs.

4. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the upper and lower lobes of the user's lungs.
5. The chest vibrating device of claim 4, wherein the one or more chest pads are also sized to be positioned over the front and sides of the middle and lower lobes of the lungs.
6. The chest vibrating device of claim 5, wherein the at least one back pad is sized to be positioned over the upper and lower lobes of the lungs.
7. The chest vibrating device of claim 6, wherein the vibrating unit is attached to said rear halves of said left and right arms
8. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms.
9. The chest vibrating device of claim 7, wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.
10. The chest vibrating device of claim 9, wherein said vibrating unit further comprises housing rails;
wherein said left and right arms further comprise housing rail receivers, each of which are a pair of rails in which said housing rails fit between; and
wherein said vibrating unit is attached by inserting said housing rails between said pair of rails of said housing rail receivers and fastening together using fasteners.
11. The chest vibrating device of claim 7, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.

12. The chest vibrating device of claim 11, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.

13. The chest vibrating device of claim 7, wherein said one or more chest pads is one piece and configured to fit a male user.

14. The chest vibrating device of claim 7, wherein said one or more chest pads comprises an upper pad and a lower pad, said upper and lower pads being connected to a pad bar, said pad bar being connected to said frame, and said upper pad, lower pad and pad bar being configured to fit a female user.

15. The chest vibrating device of claim 7, wherein the at least one back pad comprises two back pads; and
wherein said back pads are attached to an inside of said rear halves of said left and right arms.

16. The chest vibrating device of claim 15, wherein said back pads are adjustable along said inside of said rear halves of said left and right arms.

17. The chest vibrating device of claim 8, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

18. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms; and
wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.

19. The chest vibrating device of claim 18, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.

20. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.

21. The chest vibrating device of claim 18, wherein the at least one back pad comprises:

two back pads, wherein said back pads are attached to an inside of said rear halves of said left and right arms.

22. The chest vibrating device of claim 18, further comprising:

at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

23. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor; wherein the at least one back pad comprises two back pads; wherein said back pads are attached to an inside of said rear halves of said left and right arms; and further comprising:

at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

24. The chest vibrating device of claim 22, further comprising;

at least one clamping unit on each side of said frame to clamp said front and rear halves of each of said left and right arms together about the user.

25. The chest vibrating device of claim 8, further comprising:

a shoulder pad support extending toward the user from said left arm;
a shoulder pad support extending toward the user from said right arm; and
wherein said shoulder pads are attached to said shoulder pad supports.

26. A method of loosening obstructions in the lungs or air way of a user, comprising:

providing the chest vibrating device of claim 1;
positioning the device over the upper body of the user so as to position the one or more chest pads and the at least one back pad over an area of the user's lungs;
producing vibrations with the device and transferring the vibrations to the lungs of the user to loosen obstructions in the lungs or air way of the user.

REMARKS

Applicants have renumbered the claims as presented April 25, 2005, to begin with number 1 and to fall into appropriate order; the Examiner's amendments presented in the Notice of Allowability mailed May 17, 2005, are embodied in the corrected claims. The claims as set forth herein do not raise any new issues.

This request is accompanied by two copies of the Form Certificate of Correction and a check in the amount of \$100.00 as required by 37 C.F.R. 1.20(a). The fee is provided in view of Applicant's clerical error; the errors in the claims were made by the Patent and Trademark Office.

It is believed that no further fees are due. If the amount submitted is incorrect, however, please charge any fees due under 37 C.F.R. 1.16 – 1.20 to deposit account 07-1969.

Respectfully Submitted,



Donna M. Ferber
Reg. No. 33,878

GREENLEE, WINNER & SULLIVAN, P.C.
4875 East Pearl Circle, Suite 200
Boulder, CO 80301
Telephone: (303) 499-8080
Fax: (303) 499-8089
Email: winner@greenwin.com
sl/January 20, 2006
Docket No. 39-05

JAN 30 2006

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Attorney Docket No. 39-05

Applicant : Marten Jan DeVlieger
Filed : October 2, 2002
Title : CHEST VIBRATING DEVICE
Confirmation No. : 7685
TC/A.U. : 3764
Examiner : Thanh, Quang D.
Customer No. : 23713

I hereby certify that the following correspondence, along with any other document referred to as being attached or enclosed:

1. Request for Certificate of Correction Under 37 C.F.R. 1.322 (7 pages)
2. Form PTO 1050 (Rev. 3-82) Certificate of Correction (3 pages) *2 copies*
3. Check in the amount of \$100.00 USD
4. Certificate of Mailing – (1 page)
5. Return Postcard

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

Commissioner for Patents,
PO Box 1450
Alexandria, VA 22313-1450

On January 24, 2006

STEPHANIE LOTWIS

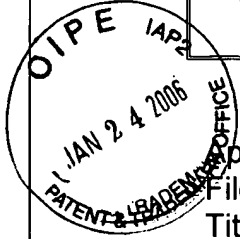
(Typed or Printed Name of Person Mailing Correspondence)

Stephanie Lotwis

(Signature of Person Mailing Correspondence)

EV693370824US

("Express Mail" Mailing Label Number)



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,958,047 B2

DATED : October 25, 2006

INVENTOR(S) : Marten Jan DeVlieger

It is certified that an error(s) appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

At column 3, line 457 to column 6, line 12 please replace as follows:

- 1. A chest vibrating device for use in loosening obstructions in the lungs or air way of a user, comprising:
a frame to fit around an upper body of the user, the frame comprising:
a left arm, said left arm being in a shape of a curve to fit around the upper body of the user, said left arm having a front half of said curve and a rear half of said curve;
a right arm, said right arm being in a shape of a curve to fit around the upper body of the user, said right arm having a front half of said curve and a rear half of said curve;
a cross-member connecting said left and right arms together at said front halves;
shoulder pads extending from said frame to rest said frame on the shoulders of the user;
one or more chest pads extending from a front inside of said frame towards a chest of the user, said one or more chest pads being attached to said front halves of said left and right arms to transfer the vibrations;
at least one back pad extending from a rear inside of said frame towards a back of the user for positioning over an area of the lungs of the user, said at least one back pad being attached to said rear halves of said left and right arms to transfer the vibrations; and
a vibrating unit attached to said left and right arms to produce vibrations that travels from said vibrating unit, through said frame onto said one or more chest pads and said at least one back pad.
2. The chest vibrating device of claim 1, wherein the one or more chest pads and the at least one back pad are sized to be positioned over an area of the lungs of the user.
3. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the lower lobes of the user's lungs.
4. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the upper and lower lobes of the user's lungs.
5. The chest vibrating device of claim 4, wherein the one or more chest pads are also sized to be positioned over the front and sides of the middle and lower lobes of the lungs.
6. The chest vibrating device of claim 5, wherein the at least one back pad is sized to be positioned over the upper and lower lobes of the lungs.
7. The chest vibrating device of claim 6, wherein the vibrating unit is attached to said rear halves of said left and right arms
8. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms.

JAN 30 2006

9. The chest vibrating device of claim 7, wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.
10. The chest vibrating device of claim 9, wherein said vibrating unit further comprises housing rails; wherein said left and right arms further comprise housing rail receivers, each of which are a pair of rails in which said housing rails fit between; and wherein said vibrating unit is attached by inserting said housing rails between said pair of rails of said housing rail receivers and fastening together using fasteners.
11. The chest vibrating device of claim 7, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.
12. The chest vibrating device of claim 11, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.
13. The chest vibrating device of claim 7, wherein said one or more chest pads is one piece and configured to fit a male user.
14. The chest vibrating device of claim 7, wherein said one or more chest pads comprises an upper pad and a lower pad, said upper and lower pads being connected to a pad bar, said pad bar being connected to said frame, and said upper pad, lower pad and pad bar being configured to fit a female user.
15. The chest vibrating device of claim 7, wherein the at least one back pad comprises two back pads; and wherein said back pads are attached to an inside of said rear halves of said left and right arms.
16. The chest vibrating device of claim 15, wherein said back pads are adjustable along said inside of said rear halves of said left and right arms.
17. The chest vibrating device of claim 8, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.
18. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms; and wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.
19. The chest vibrating device of claim 18, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.
20. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.
21. The chest vibrating device of claim 18, wherein the at least one back pad comprises:
two back pads, wherein said back pads are attached to an inside of said rear halves of said left and right arms.
22. The chest vibrating device of claim 18, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

23. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor; wherein the at least one back pad comprises two back pads; wherein said back pads are attached to an inside of said rear halves of said left and right arms; and further comprising: at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

24. The chest vibrating device of claim 3, further comprising:
at least one clamping unit on each side of said frame to clamp said front and rear halves of each of said left and right arms together about the user.

25. The chest vibrating device of claim 8, further comprising:
a shoulder pad support extending toward the user from said left arm;
a shoulder pad support extending toward the user from said right arm; and
wherein said shoulder pads are attached to said shoulder pad supports.

26. A method of loosening obstructions in the lungs or air way of a user, comprising:
providing the chest vibrating device of claim 1;
positioning the device over the upper body of the user so as to position the one or more chest pads and the at least one back pad over an area of the user's lungs;
producing vibrations with the device and transferring the vibrations to the lungs of the user to loosen obstructions in the lungs or air way of the user. --

MAILING ADDRESS OF SENDER:

GREENLEE, WINNER AND SULLIVAN, P.C.
4875 East Pearl Circle, Suite 200
Boulder, CO 80301
Phone: (303) 499-8080
Fax: (303) 499-8089
email: winner@greenwin.com

PATENT NO. 6,958,047 B2

No. of add'l copies
@ \$.50 per page

FORM PTO 1050 (REV. 3-82)

JAN 30 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,958,047 B2

DATED : October 25, 2006

INVENTOR(S) : Marten Jan DeVlieger

It is certified that an error(s) appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

At column 3, line 457 to column 6, line 12 please replace as follows:

- 1. A chest vibrating device for use in loosening obstructions in the lungs or air way of a user, comprising:
a frame to fit around an upper body of the user, the frame comprising:
a left arm, said left arm being in a shape of a curve to fit around the upper body of the user, said left arm having a front half of said curve and a rear half of said curve;
a right arm, said right arm being in a shape of a curve to fit around the upper body of the user, said right arm having a front half of said curve and a rear half of said curve;
a cross-member connecting said left and right arms together at said front halves;
shoulder pads extending from said frame to rest said frame on the shoulders of the user;
one or more chest pads extending from a front inside of said frame towards a chest of the user, said one or more chest pads being attached to said front halves of said left and right arms to transfer the vibrations;
at least one back pad extending from a rear inside of said frame towards a back of the user for positioning over an area of the lungs of the user, said at least one back pad being attached to said rear halves of said left and right arms to transfer the vibrations; and
a vibrating unit attached to said left and right arms to produce vibrations that travels from said vibrating unit, through said frame onto said one or more chest pads and said at least one back pad.
2. The chest vibrating device of claim 1, wherein the one or more chest pads and the at least one back pad are sized to be positioned over an area of the lungs of the user.
3. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the lower lobes of the user's lungs.
4. The chest vibrating device of claim 2, wherein the one or more chest pads are sized to be positioned over the upper and lower lobes of the user's lungs.
5. The chest vibrating device of claim 4, wherein the one or more chest pads are also sized to be positioned over the front and sides of the middle and lower lobes of the lungs.
6. The chest vibrating device of claim 5, wherein the at least one back pad is sized to be positioned over the upper and lower lobes of the lungs.
7. The chest vibrating device of claim 6, wherein the vibrating unit is attached to said rear halves of said left and right arms
8. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms.

JAN 30 2006

9. The chest vibrating device of claim 7, wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.
10. The chest vibrating device of claim 9, wherein said vibrating unit further comprises housing rails; wherein said left and right arms further comprise housing rail receivers, each of which are a pair of rails in which said housing rails fit between; and wherein said vibrating unit is attached by inserting said housing rails between said pair of rails of said housing rail receivers and fastening together using fasteners.
11. The chest vibrating device of claim 7, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.
12. The chest vibrating device of claim 11, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.
13. The chest vibrating device of claim 7, wherein said one or more chest pads is one piece and configured to fit a male user.
14. The chest vibrating device of claim 7, wherein said one or more chest pads comprises an upper pad and a lower pad, said upper and lower pads being connected to a pad bar, said pad bar being connected to said frame, and said upper pad, lower pad and pad bar being configured to fit a female user.
15. The chest vibrating device of claim 7, wherein the at least one back pad comprises two back pads; and wherein said back pads are attached to an inside of said rear halves of said left and right arms.
16. The chest vibrating device of claim 15, wherein said back pads are adjustable along said inside of said rear halves of said left and right arms.
17. The chest vibrating device of claim 8, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.
18. The chest vibrating device of claim 7, wherein a hinge connects said front and rear halves of each of said left and right arms; and wherein positioning of said left and right arms is adjustable along said cross-member and said vibrating unit.
19. The chest vibrating device of claim 18, wherein said vibrating unit comprises a housing and a vibrator mounted inside said housing.
20. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor.
21. The chest vibrating device of claim 18, wherein the at least one back pad comprises:
two back pads, wherein said back pads are attached to an inside of said rear halves of said left and right arms.
22. The chest vibrating device of claim 18, further comprising:
at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

23. The chest vibrating device of claim 19, wherein said vibrator comprises a motor and an offset weight connected to and rotated by said motor; wherein the at least one back pad comprises two back pads; wherein said back pads are attached to an inside of said rear halves of said left and right arms; and further comprising: at least one clamping unit to clamp said front and rear halves of each of said left and right arms together about the user.

24. The chest vibrating device of claim 3, further comprising:
at least one clamping unit on each side of said frame to clamp said front and rear halves of each of said left and right arms together about the user.

25. The chest vibrating device of claim 8, further comprising:
a shoulder pad support extending toward the user from said left arm;
a shoulder pad support extending toward the user from said right arm; and
wherein said shoulder pads are attached to said shoulder pad supports.

26. A method of loosening obstructions in the lungs or air way of a user, comprising:
providing the chest vibrating device of claim 1;
positioning the device over the upper body of the user so as to position the one or more chest pads and the at least one back pad over an area of the user's lungs;
producing vibrations with the device and transferring the vibrations to the lungs of the user to loosen obstructions in the lungs or air way of the user. --

MAILING ADDRESS OF SENDER:

PATENT NO. 6,958,047 B2

GREENLEE, WINNER AND SULLIVAN, P.C.
4875 East Pearl Circle, Suite 200
Boulder, CO 80301
Phone: (303) 499-8080
Fax: (303) 499-8089
email: winner@greenwin.com

No. of add'l copies
@ \$.50 per page

FORM PTO 1050 (REV. 3-82)

JAN 30 2006